

Converting Colors

RGB(187, 97, 156)

Have a look what the booklet for
RGB(187, 97, 156) contains.

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Color

RGB(187, 97, 156)

Conversions

Conversions Part 1

Format	Color
Hex	BB619C
RGB	187, 97, 156
RGB Percent	73%, 38%, 61%
CMY	0.2667, 0.6196, 0.3882
CMYK	0.00, 0.48, 0.17, 0.27
HSL	321°, 40%, 56%
HSV	321°, 48%, 73%
XYZ	30.7690, 21.5145, 33.9835
YIQ	130.6360, 34.7010, 37.4290

Conversions

Conversions Part 2

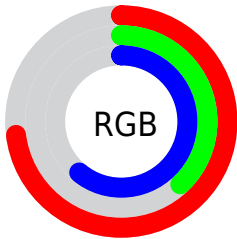
Format	Color
R_{YB}	187, 97, 156
Decimal	12280220
CIE _{Lab}	53.51, 43.71, -15.82
CIE _{LCh}	54, 46.489, 340.101
Yxy	21.5145, 0.3567, 0.2494
Android (android.graphics.Color)	4290470300 (0xFFBB619C)
YUV	130.6360, 12.5045, 49.4312
Hunter-Lab	46.3837, 37.2377, -10.9708

Details

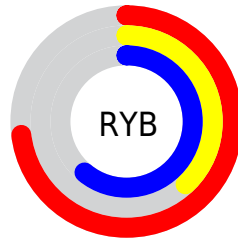
The RGB color **187, 97, 156** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **97, 187, 128**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **245, 150, 211**, and **132, 45, 105** is the 20% darker color. If you saturate the color by 10%, you get **187, 78, 150**, and if you desaturate by 10%, it is **187, 116, 162**.

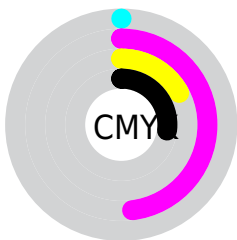
Distribution



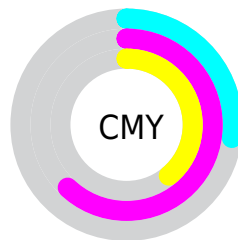
- Red (73%)
- Green (38%)
- Blue (61%)



- Red (73%)
- Yellow (38%)
- Blue (61%)



- Cyan (0%)
- Magenta (48%)
- Yellow (17%)
- Black (27%)



- Cyan (27%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 97, 156 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 187, 97, 156 by changing the saturation by 10% instead.

 187, 97, 156

 187, 97, 156

255, 255, 255

 159, 71, 130

 245, 150, 211

 132, 45, 105

 255, 178, 239

 105, 16, 80

 255, 206, 255

 79, 0, 57

 255, 235, 255

 54, 0, 36

 27, 0, 12

 0, 0, 0

 187, 97, 156

 187, 97, 156

 187, 78, 150

 187, 116, 162

 187, 60, 143

 187, 134, 169

 187, 41, 137

 187, 153, 175

 187, 22, 130

 187, 172, 182

 187, 4, 124

 187, 191, 188

 187, 0, 123

 187, 209, 195

 187, 228, 201

 187, 247, 208

 187, 255, 214

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



148, 112, 189



187, 97, 156



202, 92, 116

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 97, 156



137, 130, 44



0, 146, 178

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



187, 97, 156



97, 187, 128

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 148, 141



187, 97, 156



94, 140, 64

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187, 97, 156



172, 116, 51



17, 146, 99



0, 139, 203

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187, 97, 156



200, 97, 90



17, 146, 99



0, 147, 167

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



187, 97, 156



242, 208, 231



127, 97, 187



122, 102, 115



250, 250, 250



122, 122, 122

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 97, 156



242, 102, 194



187, 97, 112



94, 85, 91



158, 0, 104



31, 0, 20

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



187, 97, 156



242, 102, 194



97, 187, 172



94, 85, 91



158, 0, 104



31, 0, 20

Previews

White Background



This preview shows how the RGB color 187, 97, 156 looks on a white background.

Color Contrast Check

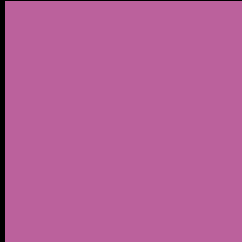
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 187, 97, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

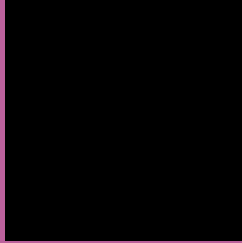
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 187, 97, 156 Background



This preview shows how black text looks on a background with the RGB color 187, 97, 156.

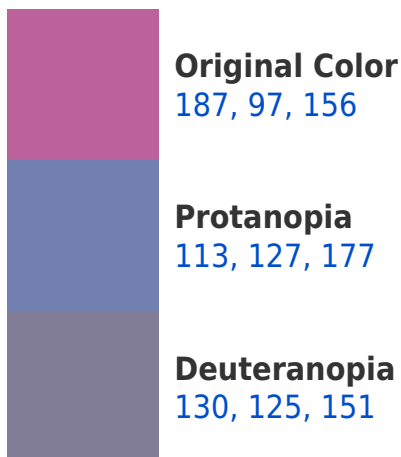


This preview shows how white text looks on a background with the RGB color 187, 97, 156.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
183, 106, 114

Trichromacy



Original Color
187, 97, 156

Protanomaly
140, 116, 169

Deuteranomaly
151, 115, 153

Tritanomaly
184, 103, 129

Monochromacy



Original Color
187, 97, 156

Achromatopsia
131, 131, 131

Achromatomaly
151, 119, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 97, 156 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 97, 156)` looks like.

```
.text, #text, p{  
    color:rgb(187, 97, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 97, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 97, 156) }
```

Border

The CSS property to change the border of an element to RGB 187, 97, 156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 97, 156) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(187, 97, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(187, 97, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 97, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 97, 156);  
box-shadow:4px 4px 4px 4px rgb(187, 97,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 187, 97, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 97, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187, 97,  
156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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